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SELECTED BOOKS AND BULLETINS

Agricultural Engineering

- "Care and Repair of Mowers and Binders," by W. R. Humphries. USDA Farmers' Bulletin 1754. November 1942.
- "The Control of Reservoir Silting," by C. B. Brown. USDA Misc. Pub. 521. Aug. 1943.
- "Electric Motors for the Farm," by H. L. Garver and others. USDA Farmers' Bulletin 1858. November 1940.
- "Foundations for Farm Buildings," by A. H. Miller and E. G. Molander. USDA Farmers' Bulletin 1869. March 1941.
- "How to Build With Native Stone," by C. T. Sturdivant. Oklahoma agri. ext. ser. Cir. 317. 1942.
- "Irrigation Problems in Citrus Orchards," by C. A. Taylor. USDA Farmers' Bulletin 1876. April 1941.

Agricultural Statistics

- "Cotton Quality Statistics, United States, 1942-43." Food Distribution Administration. November 1943. 1.942
- "Farm Labor Needs." U. S. Agri. Ext. Service Circular 406. April 1943. 1.9
- "A Graphic Summary of Farm Animals and Animal Products." Bur. of Agri. Economics. December 1943. USDA Misc Pub. 530.
- "Some Phases of the American-Egyptian Cotton Situation and Outlook with Statistical Supplement," by H. G. Porter. Bur. of Agri. Economics. December 1943. 1.942

Agonomy

- "Chemical Composition of Oklahoma Grain Sorghums," by V. G. Heller and J. B. Seiglinger. Okla. agri. expt. sta. Bull. 274. January 1944.
- "Dusting and Aid in Producing More Peanuts." U. S. Agri. Ext. Service. May 17, 1944. 1.913
- "Performance Tests of Corn Varieties and Hybrids, 1943," by J. S. Brooks and C. E. Cross. Okla. agri. expt. sta. Bull. 277. January 1944.
- "Sugarcane for Sirup Production," by E. W. Brandes and others. USDA Circular 237. November 1940.
- "The What and How of Hybrid Corn," by F. D. Richey. USDA Farmers' Bulletin 1744. January 1935.

Animals-Diseases and Tests

- "Cattle Lice and How to Eradicate Them," by Marion Ines. USDA Farmers' Bulletin 944. September 1940.
- THE HOME VETERINARIAN'S HANDBOOK, by E. T. Baker. Macmillan, 1943. 41 B173H
- A guide for handling emergencies in farm animals and poultry, alphabetically arranged, with a complete index for quick reference, this book discusses over 700 subjects. Suggestions have also been given on what not to do until expert assistance can be obtained.

"Diseases of Dairy Cows," by Hubert Bunyea and W. T. Miller. USDA Farmers' Bulletin 1422. March 1943.

Bibliographies

"Bibliography on the Japanese in American Agriculture," Helen E. Hennefrund and Orpha Cummings. USDA Bibliographical Bulletin 3. January 1944.

"Botany." Compiled in Fort Worth Branch, USDA Library. December 1943.

"Personnel." Compiled in Fort Worth Branch, USDA Library. October 1943.

"How to Become a Better USDA Employee." Compiled in Fort Worth Branch, USDA Library. February 1944.

"Peanuts for Human Consumption." Compiled in Fort Worth Branch, USDA Library. January 1944.

"A Summary of the Literature on Milkweeds (Asclepias Spp.) and Their Utilization," by A. Geraldine Whiting. USDA Bibliographical Bulletin 2. October 15, 1943.

Entomology

"Control of Mole Crickets by Use of Poisoned Baits," C. B. Wisecup and N. C. Hayslip. USDA Leaflet 237. December 1943.

"Housefly Control," by F. C. Bishopp. USDA Leaflet 182. May 1939.

"How to Control Kitchen Pests." USDA AWI-70. October 1943.

"Studies on Nicotine Fumigation in Greenhouses," by H. H. Richardson and others. USDA Circular 684. September 1943.

Food and Nutrition

"Are We Well Fed?" by Hazel K. Stiebeling. USDA Misc. Pub. 430. 1941.

"Farm Production of Sugarcane Sirup," by C. F. Walton, Jr. and others. USDA Farmers' Bulletin 1874. July 1941.

"School Lunch Recipes." Bureau of Human Nutrition and Home Economics. December 1943. USDA Misc. Pub. 537.

"Soybeans and Soybean Products as Food," by Marion J. Drown. USDA Misc. Pub. 534. December 1943.

"Wartime Food Management: An Analysis with Recommendations," by J. S. Davis. Los Angeles Chamber of Commerce. August 11, 1943.

Forestry

"Facing the Forest Future," by Dr. Wilson Compton. Duke Univ., School of Forestry Lectures, No. 5. May 1942.

"Planting Cottonwood on Bottomlands," by Henry Bull and H. H. Muntz. Mississippi agri. expt. sta. Bulletin 391. August 1943.

"A Practical Forest Farm," by Colin G. Spencer. 99.55

"Stumpage and Log Prices for the Calendar Year 1942," by Henry B. Steer. USDA Statistical Bull. 79. January 1944.

WOOD TECHNOLOGY, by H. D. Tiemann. Pitman, 1942. 99.79 T44

Much of the information presented in this book is new and will not be found published elsewhere. The aim of the book has been to give a clear perspective of the field of wood technology which includes a study of the structure of wood, its growth and behavior with respect to the living plant, scientific study of its physical properties, the chemical composition, mechanical stresses and strains, and utilization.

Homemaking

"Closets and Storage Spaces," Maud Wilson and others. USDA Farmers' Bulletin 1865. November 1940.

- "Better Use and Care of Household Equipment," by Burr Blackburn and others. Household Finance Corporation. 1943.
- "Money Management--the Food Dollar," Burr Blackburn and others. Household Finance Corporation. December 1942.
- "Money Management for Newlyweds," by Burr Blackburn and others. Household Finance Corporation. 1941.
- "Slip Covers for Furniture," by Bess V. Morrison. USDA Farmers' Bull. 1873. June 1943.
- "Stretching the Clothing Dollar," by Burr Blackburn and others. Household Finance Corporation. November 1942.
- "Time Management for Homemakers," by Burr Blackburn and others. Household Finance Corporation. 1943.

Horticulture

- "Economic Plants of Interest to the Americas." Office of Foreign Agri. Relations. Names of Crop Plants Used in the Americas. Cassia and Cinnamon. Leguminous Shrubs and Trees Used as Shade and Cover Crops in Tropical and Subtropical Countries. Citicica and Chia Oils. Rutenone. Wattle Bark.
- "Pruning Hardy Fruit Plants." U. S. Bureau of Plant Industry. USDA Farmers' Bull. 1870. June 1941.

Irrigation

- "Improving Land for Irrigation." Press Bulletin 981. New Mexico agri. expt. sta. December 1943.
- "Putting Down and Developing Wells and Irrigation," by Carl Rohwer. USDA Circular 546. March 1941.
- "Water-Holding Capacity of Irrigated Soils," by O. W. Israelson and Frank L. West. Utah agri. expt. sta. Bulletin 183. November 1942.

Livestock and Range

- BEEF CATTLE PRODUCTION IN THE SOUTH, by D. W. Williams. Interstate, 1941. 43 W67
- This book by the head of the Department of Animal Husbandry of A. & M. College of Texas, one of the nation's authorities on beef cattle production, was written primarily for the use of pupils in Vocational Agriculture classes in the South. Material in the book deals specifically with the jobs and problems peculiar to the South and is so analyzed and interpreted that it will aid in developing sound programs and practices on individual farms and ranches regardless of the section of South in which they are located.
- "A Handbook for Better Feeding of Livestock," by P. E. Howe and others. USDA Misc. Circular 12. Revised September 1943.
- "Judging Beef Cattle," by W. H. Black. USDA Farmers' Bulletin 1068. March 1941.
- "Maintaining Short-Grass Ranges," by D. F. Costello. Colorado agri. ext. ser. 1-43. May 1942.
- "Management of Range for Sustained Production," by G. E. Weaver. War Food Administration. August 1943. 1.42 W52Mr
- "Range and Livestock Production Practices in the Southwest." USDA Misc. Pub. 529. November 1943.
- "Sagebrush Burning... Good and Bad," by J. F. Lawrence and George Stewart. USDA Farmers' Bulletin 1948. January 1944.

- "Southwestern Stockman...Play to Win!" (Conservative Stocking of a Ranch), by K. W. Parker. USDA AWI-74. August 1943.
- "Vitamin A Studies in Fattening Feeder Calves and Yearlings," by J. H. Jones and others. Texas agri. expt. sta. Bulletin 630. April 1943.

Plant Pathology

- "Cotton Seed-Treatment Studies at the Blackland Experiment Station," by C. H. Rogers. Texas agri. expt. sta. Bulletin 634. July 1943.
- "Development of Interspecific Tomato Hybrids of Horticultural Value and Highly Resistant to Fusarium Wilt," by W. S. Porte and F. L. Wellman. USDA Circular 584. January 1941.
- "Diseases of Rice," by E. C. Tullis. USDA Farmers' Bull. 1854. October 1940.

Plant Science

- "Contribution to the Morphology and Anatomy of the Russian Dandelion (*Taraxacum kok-saghyz*)," by Ernst Artschwager and Ruth C. McGuire. USDA Tech. Bull. 843. December 1943.
- THE GENETICS OF COTTON, by S. C. Harland. Cape, 1939. 72 H22A
- The three large sections of this book deal with taxonomy, cytology, and genetics. Then follow briefer discussions of correlations, linkage relations, mutations, interspecific hybridization within the genus *Gossypium*, Polyploidy and Haploidy, comparative genetics of the genus *Gossypium*, evolutionary history of the genus *Gossypium*, and a bibliography.

Post-War Planning

- "For a Better Post-War Agriculture." National Planning Association. May 1942.
- "Toward a Solution of Post-War Problems," by James P. Pope. Tennessee Valley authority. November 14, 1942. 280.12
- "What Post-War Policies for Agriculture?" Report of USDA Interbureau and Regional Commissions on Post-War Programs. The Farmer and the War-No. 7. January 1944.

Poultry

- "The Carotene Consuming Power of Certain Feeds," by G. S. Fraps and others. Texas agri. expt. sta. Bulletin 637. August 1943.
- "Controlling Gapeworms in Poultry," by E. E. Wehr. USDA Leaflet 207. January 1941.
- "The Feeding of Chickens," by H. W. Titus. USDA Farmers' Bull. 1841. May 1941.
- "Poultry Keeping in Back Yards," by A. R. Lee. USDA Farmers' Bull. 1508. April 1941.
- "Symptoms of Nutritional Deficiencies in Poultry," by H. S. Wilgus, Jr. and O. C. Ufford. Colorado agri. ext. ser. Bulletin 368-A. May 1943.

Reports

- "Report of the Chief of the Agricultural Adjustment Agency, 1943." War Food Administration. 1943.
- "Report on the Agricultural Experiment Stations, 1942," by Office of Experiment Stations. August 1943. 1 Ex6R
- "Report of Cooperative Extension Work in Agriculture and Home Economics, 1943."
- "Report of the Director of the Food Distribution Administration, 1943."
- "Report of the Administrator of the Rural Electrification Administration, 1943."

Soil Conservation

- "Sanborn Field: Fifty Years of Field Experiments with Crop Rotations, Manure, and Fertilizers," by G. E. Smith. Mo. agri. expt. sta. Bull. 458. December 1942.

SOIL EROSION AND ITS CONTROL, by L. G. Jones and L. M. Thompson. Texas A. & M. College, 1941. 56.7 J72

"This book has been organized to fit the outline of the course in Soil Conservation taught in the Agronomy Department of the Agricultural and Mechanical College of Texas." Chapter headings are: Soil erosion, The physical factors influencing soil erosion, The relation of erosion to the development of parent materials, The soils of the United States, The soil survey and its utilization in soil conservation, Contour tillage, Stripcropping, Terraces, Water conservation, Gully control, Crop rotation, Cover crops and green manure, Meadows in soil conservation, Pastures in soil conservation, Range conservation, Woodland management, Wind erosion, Flood control, Erosion control on highways, Wildlife.

PERIODICAL NOTES

The library now receives THE FATS AND OILS SITUATION issued by the Bureau of Agricultural Economics. The current issue (December 1943) includes a summary of the situation, outlook for this next year, recent developments and government actions, tables, and a discussion of "Southeastern Europe: Pre-War Fats and Oils Position." Let us know if you wish to see this publication regularly.

From JOURNAL OF FARM ECONOMICS.

"Food Production Policies in Wartime," by Sherman F. Johnson. August 1943.

In this article Mr. Johnson discusses the pattern of food needs, the economical sources of food nutrients, the maximum production capacity, and programs to obtain maximum production.

"Changes in the Agriculture of South Central Brazil," by L. W. Witt. Aug. 1943

This paper discusses the reasons for the several dramatic changes in Brazilian agriculture since 1930, the most prominent changes being the decline of coffee and the expansion of cotton. These trends suggest that a number of agricultural economic conflicts will become of increasing importance in Brazilian-American relations.

"What is a Minimum Adequate Farm Income?" by L. H. Fisher. August 1943.

Since some valid answer to the question of what constitutes the minimum adequate farm income is needed by planning groups in agriculture, the writer proposes a procedure better than the usual budget basis for determining a minimum adequate farm income. He analyzes the work of the Columbia Basin Joint Investigations as an example of his suggested method.

"Essential Food Requirements in Wartime," by M. K. Bennett. November 1943.

An economist expresses his bewilderment at what goes on in the field of nutrition. He doubts "if wartime foods need to be so packed with vitamins and minerals, so rich in animal proteins, in short so full of protective elements and so well balanced as we are being led to think." The author's views on industrial feeding are interesting. A provocative article of interest to those working with nutrition programs.

From THE QUARTERLY JOURNAL OF ECONOMICS.

"The Demand for Food by Low Income Families." August 1943.

The article includes a discussion of the importance of consumers' price elasticities and food habits; income elasticity and price elasticity; demand curves from market data; new data on low income demand curves: sources, advantages and disadvantages; the findings on butter, eggs, pork, lamb, oranges, grapefruit, apples, prunes, potatoes, white flour, dry beans, rice; comparisons and conclusions.

"Capital in Agriculture." November 1943.

This article discusses proportion of income saved and invested by farmers, proportion of nation's capital employed in agriculture, influence of interest rates, prospective profits less influential than other considerations, extent of underinvestment, influence of tenancy, factors restricting use of credit, unexploited investment opportunities, remedial measures available.

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